

SUNRISE; Serial number: 711005229; Firmware: V 3.31 25/08/05; XREAD PLUS Version: V 4.00

Date: 30/3/15

Time: 16:26

User comment:

Measurement mode: Absorbance

Measurement filter: 492 nm

Number of kinetic cycles: 7

Kinetic interval: 300 s

Cycle Number: 1

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7120 | 0.6580 | 0.9840 | 0.0680 | 0.0980 | 0.9940 | 0.0840 |
| B  | 1.5760 | 1.4450 | 1.7170 | 0.0860 | 0.3350 | 0.2980 | 0.2830 |
| C  | 1.7820 | 1.7630 | 1.8390 | 0.2470 | 0.6460 | 0.9050 | 0.7210 |
| D  | 0.9790 | 1.1130 | 1.2110 | 0.5410 | 0.2920 | 0.5530 | 0.2620 |
| E  | 0.0550 | 0.0440 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0530 |
| F  | 0.0440 | 0.0490 | 0.0510 | 0.0530 | 0.0450 | 0.0520 | 0.0500 |
| G  | 0.0490 | 0.0470 | 0.0470 | 0.0500 | 0.0470 | 0.0470 | 0.0530 |
| H  | 0.0470 | 0.0490 | 0.0460 | 0.0470 | 0.0510 | 0.0530 | 0.0520 |

Cycle Number: 2

Elapsed time after first cycle:

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7420 | 0.6760 | 1.0270 | 0.0700 | 0.1000 | 0.9800 | 0.0840 |
| B  | 1.8370 | 1.6340 | 1.9390 | 0.0910 | 0.4230 | 0.3020 | 0.5970 |
| C  | 1.8570 | 1.9740 | 1.9790 | 0.2540 | 0.7420 | 1.2940 | 1.1270 |
| D  | 1.0170 | 1.1930 | 1.2750 | 0.5920 | 0.3190 | 0.6540 | 0.3320 |
| E  | 0.0550 | 0.0430 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0520 |
| F  | 0.0430 | 0.0490 | 0.0500 | 0.0520 | 0.0450 | 0.0520 | 0.0500 |
| G  | 0.0490 | 0.0460 | 0.0460 | 0.0500 | 0.0470 | 0.0470 | 0.0520 |
| H  | 0.0470 | 0.0480 | 0.0450 | 0.0470 | 0.0510 | 0.0520 | 0.0510 |

Cycle Number: 3

Elapsed time after first cycle:

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7580 | 0.6890 | 0.9760 | 0.0700 | 0.1000 | 1.0820 | 0.0850 |
| B  | 1.9680 | 1.7130 | 1.9780 | 0.0980 | 0.5650 | 0.3090 | 0.9190 |
| C  | 1.9000 | 2.1830 | 2.0560 | 0.2670 | 0.8490 | 1.4160 | 1.3140 |
| D  | 1.1250 | 1.2590 | 1.3640 | 0.6480 | 0.3400 | 0.6900 | 0.4130 |
| E  | 0.0560 | 0.0430 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0530 |
| F  | 0.0430 | 0.0490 | 0.0510 | 0.0530 | 0.0450 | 0.0520 | 0.0500 |
| G  | 0.0490 | 0.0460 | 0.0470 | 0.0500 | 0.0470 | 0.0470 | 0.0530 |
| H  | 0.0470 | 0.0480 | 0.0460 | 0.0470 | 0.0510 | 0.0520 | 0.0520 |

Cycle Number: 4

Elapsed time after first cycle:

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7620 | 0.6990 | 0.9640 | 0.0700 | 0.0990 | 1.1840 | 0.0850 |

|   |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|
| B | 2.0700 | 1.7930 | 2.1550 | 0.1050 | 0.7190 | 0.3150 | 1.1470 |
| C | 1.9250 | 2.3260 | 2.1190 | 0.2780 | 0.9360 | 1.3780 | 1.4180 |
| D | 1.1660 | 1.3570 | 1.4320 | 0.7050 | 0.3600 | 0.7520 | 0.4890 |
| E | 0.0550 | 0.0430 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0520 |
| F | 0.0430 | 0.0490 | 0.0500 | 0.0520 | 0.0450 | 0.0520 | 0.0500 |
| G | 0.0490 | 0.0460 | 0.0460 | 0.0500 | 0.0470 | 0.0470 | 0.0520 |
| H | 0.0470 | 0.0480 | 0.0450 | 0.0470 | 0.0500 | 0.0520 | 0.0510 |

Cycle Number: 5

Elapsed time after first cycle:

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7630 | 0.7200 | 0.9560 | 0.0710 | 0.1010 | 1.2910 | 0.0870 |
| B  | 2.1050 | 1.8640 | 2.1810 | 0.1140 | 0.8250 | 0.3230 | 1.3110 |
| C  | 1.9360 | 2.4410 | 2.1650 | 0.2940 | 1.0040 | 1.2670 | 1.5800 |
| D  | 1.2420 | 1.4200 | 1.5040 | 0.7590 | 0.3820 | 0.8060 | 0.5650 |
| E  | 0.0560 | 0.0430 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0540 |
| F  | 0.0430 | 0.0490 | 0.0500 | 0.0530 | 0.0450 | 0.0520 | 0.0500 |
| G  | 0.0490 | 0.0460 | 0.0470 | 0.0500 | 0.0470 | 0.0470 | 0.0530 |
| H  | 0.0470 | 0.0480 | 0.0460 | 0.0470 | 0.0510 | 0.0520 | 0.0520 |

Cycle Number: 6

Elapsed time after first cycle:

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7780 | 0.7340 | 0.8770 | 0.0710 | 0.1010 | 1.4290 | 0.0880 |
| B  | 2.0930 | 1.9450 | 2.1880 | 0.1220 | 0.9190 | 0.3290 | 1.4100 |
| C  | 1.9710 | 2.4890 | 2.2110 | 0.3200 | 1.0550 | 1.5090 | 1.6720 |
| D  | 1.3000 | 1.4740 | 1.5560 | 0.8070 | 0.4030 | 0.8690 | 0.6300 |
| E  | 0.0550 | 0.0430 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0530 |
| F  | 0.0430 | 0.0490 | 0.0500 | 0.0520 | 0.0450 | 0.0520 | 0.0500 |
| G  | 0.0490 | 0.0460 | 0.0460 | 0.0500 | 0.0470 | 0.0470 | 0.0520 |
| H  | 0.0470 | 0.0480 | 0.0450 | 0.0470 | 0.0510 | 0.0520 | 0.0510 |

Cycle Number: 7

Elapsed time after first cycle:

Rawdata

| <> | 1      | 2      | 3      | 4      | 5      | 6      | 7      |
|----|--------|--------|--------|--------|--------|--------|--------|
| A  | 0.7910 | 0.7430 | 0.8840 | 0.0710 | 0.1020 | 1.5170 | 0.0890 |
| B  | 2.1130 | 2.0620 | 2.2290 | 0.1350 | 1.0030 | 0.3370 | 1.5040 |
| C  | 1.9840 | 2.4810 | 2.3270 | 0.3350 | 1.1040 | 1.6060 | 1.7520 |
| D  | 1.3870 | 1.5520 | 1.6340 | 0.8550 | 0.4260 | 0.9140 | 0.6700 |
| E  | 0.0560 | 0.0430 | 0.0450 | 0.0530 | 0.0580 | 0.0490 | 0.0530 |
| F  | 0.0440 | 0.0490 | 0.0500 | 0.0530 | 0.0450 | 0.0520 | 0.0500 |
| G  | 0.0490 | 0.0460 | 0.0470 | 0.0500 | 0.0470 | 0.0470 | 0.0530 |
| H  | 0.0470 | 0.0480 | 0.0460 | 0.0470 | 0.0510 | 0.0520 | 0.0520 |

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0480 | 0.0480 | 0.0570 | 0.0510 | 0.0560 |
| 0.0530 | 0.0490 | 0.0470 | 0.0510 | 0.0550 |
| 0.0520 | 0.0490 | 0.0530 | 0.0570 | 0.0490 |
| 0.0480 | 0.0490 | 0.0490 | 0.0550 | 0.0540 |
| 0.0500 | 0.0510 | 0.0540 | 0.0490 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0510 | 0.0480 | 0.0470 | 0.0530 | 0.0460 |
| 0.0480 | 0.0520 | 0.0530 | 0.0500 | 0.0710 |

299 seconds

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0480 | 0.0480 | 0.0570 | 0.0510 | 0.0550 |
| 0.0520 | 0.0490 | 0.0460 | 0.0510 | 0.0550 |
| 0.0520 | 0.0490 | 0.0530 | 0.0570 | 0.0480 |
| 0.0480 | 0.0490 | 0.0490 | 0.0540 | 0.0530 |
| 0.0500 | 0.0500 | 0.0530 | 0.0480 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0500 | 0.0480 | 0.0470 | 0.0530 | 0.0460 |
| 0.0480 | 0.0520 | 0.0520 | 0.0500 | 0.0710 |

599 seconds

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0490 | 0.0480 | 0.0570 | 0.0500 | 0.0550 |
| 0.0530 | 0.0490 | 0.0460 | 0.0520 | 0.0550 |
| 0.0530 | 0.0490 | 0.0530 | 0.0570 | 0.0490 |
| 0.0480 | 0.0490 | 0.0490 | 0.0550 | 0.0530 |
| 0.0500 | 0.0510 | 0.0530 | 0.0490 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0500 | 0.0490 | 0.0470 | 0.0530 | 0.0460 |
| 0.0480 | 0.0510 | 0.0530 | 0.0500 | 0.0730 |

899 seconds

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0480 | 0.0480 | 0.0570 | 0.0510 | 0.0550 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| 0.0520 | 0.0490 | 0.0460 | 0.0510 | 0.0550 |
| 0.0520 | 0.0490 | 0.0530 | 0.0570 | 0.0480 |
| 0.0480 | 0.0490 | 0.0490 | 0.0540 | 0.0530 |
| 0.0500 | 0.0500 | 0.0530 | 0.0480 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0500 | 0.0480 | 0.0470 | 0.0520 | 0.0460 |
| 0.0460 | 0.0510 | 0.0520 | 0.0500 | 0.0710 |

1199 seconds

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0490 | 0.0480 | 0.0570 | 0.0500 | 0.0550 |
| 0.0530 | 0.0490 | 0.0460 | 0.0520 | 0.0550 |
| 0.0530 | 0.0490 | 0.0530 | 0.0570 | 0.0490 |
| 0.0480 | 0.0490 | 0.0490 | 0.0540 | 0.0530 |
| 0.0500 | 0.0510 | 0.0530 | 0.0490 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0500 | 0.0490 | 0.0470 | 0.0530 | 0.0460 |
| 0.0460 | 0.0510 | 0.0530 | 0.0500 | 0.0730 |

1499 seconds

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0480 | 0.0480 | 0.0560 | 0.0510 | 0.0550 |
| 0.0520 | 0.0490 | 0.0460 | 0.0510 | 0.0550 |
| 0.0520 | 0.0480 | 0.0530 | 0.0570 | 0.0480 |
| 0.0470 | 0.0490 | 0.0490 | 0.0540 | 0.0530 |
| 0.0500 | 0.0510 | 0.0530 | 0.0480 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0500 | 0.0480 | 0.0470 | 0.0520 | 0.0460 |
| 0.0460 | 0.0510 | 0.0520 | 0.0500 | 0.0710 |

1799 seconds

| 8      | 9      | 10     | 11     | 12     |
|--------|--------|--------|--------|--------|
| 0.0490 | 0.0480 | 0.0560 | 0.0500 | 0.0550 |
| 0.0530 | 0.0490 | 0.0460 | 0.0520 | 0.0550 |
| 0.0540 | 0.0490 | 0.0530 | 0.0570 | 0.0490 |
| 0.0480 | 0.0490 | 0.0490 | 0.0540 | 0.0530 |
| 0.0500 | 0.0510 | 0.0530 | 0.0490 | 0.0510 |
| 0.0480 | 0.0480 | 0.0440 | 0.0480 | 0.0550 |
| 0.0500 | 0.0490 | 0.0480 | 0.0530 | 0.0460 |
| 0.0460 | 0.0510 | 0.0530 | 0.0500 | 0.0730 |